

Condensed imidazopyridine derivatives with psychotropic activity.**Publication number:** JP5286973 (A)**Publication date:** 1993-11-02**Inventor(s):** TAKADA SUSUMU; SASAYA TAKASHI; CHOMEI NOBUO; ADACHI MAKOTO; MATSUSHITA SUSUMU +**Applicant(s):** SHIONOGI & CO +**Classification:**

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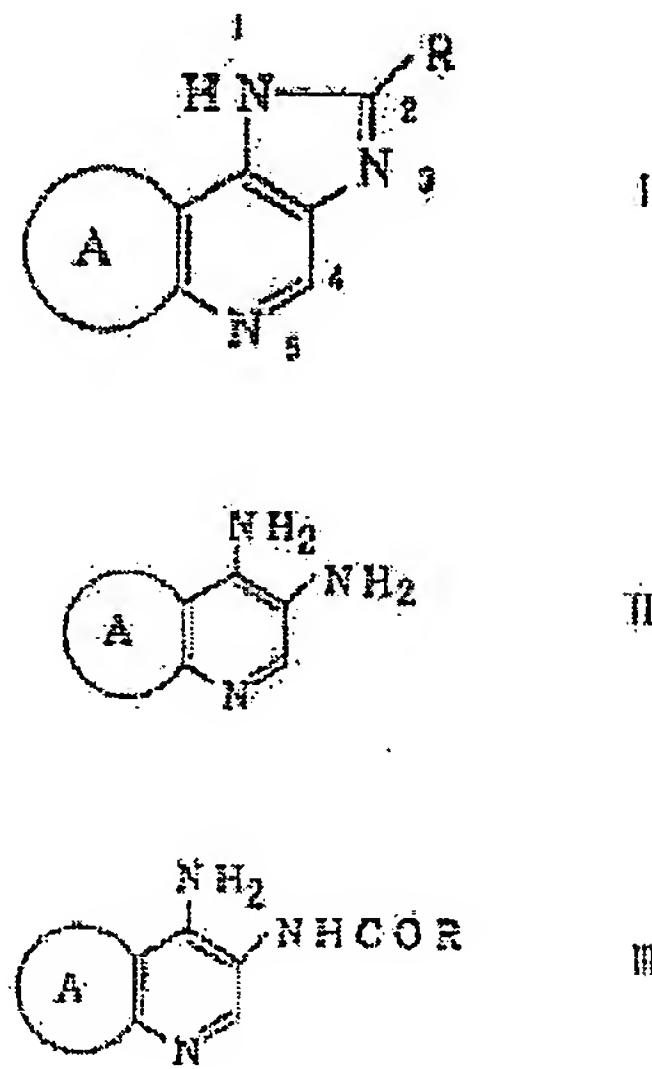
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PURPOSE: To obtain a novel compound which is useful as an antianxiety agent, a narcotic antagonist or a cerebral function activator because it has high affinity to benzodiazepine receptor.

CONSTITUTION: A compound of formula I [R is (substituted) aryl, (substituted) aromatic heterocyclic ring; ring A is an alicyclic ring of 5 to 9 members], for example, 2-(3-isoxazolyl)-1,6,7,9-tetrahydroimidazo[4,5-d] pyrano[4,3-b]pyridine. The compound of formula I is obtained by reaction of a compound of formula II with an acylating agent such as benzoyl chloride in a solvent such as pyridine followed by ring-closing reaction of the resultant compound of formula III.



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